

## Óleos Lubrificantes Usados – versão 2

De acordo com o n.º 5, do artigo 97.ºA do Unilex, a partir de 1 de julho de 2021, a APA, I. P., publicita os resultados de gestão alcançados a nível nacional para cada fluxo específico de resíduos, até cinco dias úteis após a validação pela Comissão Europeia do reporte previsto.

As tabelas infra demonstram o resumo do reporte comunitário efetuado em 2022 relativamente a 2020. Este documento apresenta a segunda versão dos dados submetidos. Os campos da tabela foram preenchidos de acordo com as regras da [Decisão de Execução \(UE\) 2019/1004 da Comissão](#) e o documento "[Guidance for the compilation and reporting of data on the placing on the market of mineral and synthetic lubrication and industrial oils and on the treatment of waste oils as required by the Commission Implementing Decision \(EU\) 2019/1004, Annex VI](#)" (versão 29 de abril).

**Tabela 1** - Comunicação de dados sobre a colocação no mercado de lubrificantes minerais ou sintéticos e de óleos industriais e sobre o tratamento de óleos usados

	1		2		3				4				5			
	Oils placed on the market <sup>5</sup>		Waste oil generated <sup>6</sup> (dry oil)		Separately collected <sup>7</sup> waste oils				Exported <sup>8</sup> waste oils				Imported <sup>9</sup> waste oils			
	(t)	Explanatory footnote	(t)	Explanatory footnote	Including water (t)	Explanatory footnote	Dry oil <sup>14</sup> (t)	Explanatory footnote	Including water (t)	Explanatory footnote	Dry oil <sup>14</sup> (t)	Explanatory footnote	Including water (t)	Explanatory footnote	Dry oil <sup>14</sup> (t)	Explanatory footnote
<b>Engine and gear box oils<sup>1</sup></b>	40548		19042,84		21263,09		18942,84		870,03		800,43	2	0		0	
<b>Industrial oils<sup>2</sup></b>	17941		9011,19		5301,06		4731,28		48,96		45,04	2	0		0	
<b>Industrial oils (emulsions only)<sup>3</sup></b>		1		8	11016,9		408,61		0		0		0		0	
<b>Oil and concentrates from separation<sup>4</sup></b>						3	0		0		0			3		3

	6		7			8				9			
	Regeneration <sup>10</sup>		Other recycling <sup>11</sup>			Energy recovery <sup>12</sup> (R1)				Disposal <sup>13</sup>			
	Including water (t)	Dry oil <sup>14</sup> (t)	Including water (t)	Explanatory footnote	Dry oil <sup>14</sup> (t)	Explanatory footnote	Including water (t)	Explanatory footnote	Dry Oil <sup>14</sup> (t)	Explanatory footnote	Including water (t)	Dry oil <sup>14</sup> (t)	Explanatory footnote
<b>Engine and gear box oils<sup>1</sup></b>		14572,97			3563,31				0			6,13	2
<b>Industrial oils<sup>2</sup></b>		3800,19			885,69				0			0,36	2
<b>Industrial oils (emulsions only)<sup>3</sup></b>	0	0	0		0		69,56		6,9		4017,1	401,71	4
<b>Oil and concentrates from separation<sup>4</sup></b>	0	0		3		3		3		3	0	0	

Explanatory footnotes

1 - Data included in 'industrial oils' (cell above).

2 - Dry content determined on the basis of a water content of 8 %.

3- Uncertainty if waste is correctly classified with LER code 190207 (it might not have oils in its composition but other hydrocarbons) so it was no considered.

4 - Dry content determined on the basis of a water content of 90%.

5 - Waste oils used as a blowing agent in the production of expanded clay.

6 - No information about yield of the operations of the operator.

7 - Yield of 75%.

8 - No information to allow presentation of an estimate.

White: Data provision is mandatory.

Grey: The calculation of data is automatic. The cell can be edited after unlocking the cell with the button "Unlock formulas".

Beige: Footnotes (only to be filled-in when relevant)

Black: Not applicable.

#### Commission notes:

<sup>1</sup> Including engine oils and gear oils (automotive, aviation, marine, industrial and other sectors); excluding greases and bilge oils.

<sup>2</sup> Including machine oils, hydraulic oils, oils for turbines, transformer oils, heat transmission oils, compressor oils, base oils; excluding greases and oils used for emulsions.

<sup>3</sup> Including metal working oils; in case national reporting does not distinguish industrial oils used in emulsions or otherwise, aggregated data on industrial oils may be provided and shall be specified in row 'industrial oils'.

<sup>4</sup> Only waste oils under code 190207\* of Decision 2000/532/EC.

<sup>5</sup> Oils placed on the market in a Member State taking into account export losses (e.g. export of passenger cars) and import gains (e.g. imports of passenger cars).

<sup>6</sup> Amount of waste oils taking into account handling losses and losses during use. Amounts of waste oil generated may be calculated based on national statistics or by using the reference values listed in Table 4.

<sup>7</sup> Waste oils separately collected. In case collected waste oils are quantified by volume, the corresponding mass is determined by applying a conversion factor of 0,9 tonnes/m<sup>3</sup>.

<sup>8</sup> Waste oil exported to another country (considering the waste categories set out in Regulation (EC) No 1013/2006).

<sup>9</sup> Waste oil generated in another country and imported from that country (considering the waste categories set out in Regulation (EC) No 1013/2006).

<sup>10-13</sup> Amounts reported shall relate to the waste oil separately collected. The sum of the values for dry oil in columns 6 to 9 should be equal to the sum of the values for dry oil in column 3 adjusted for exported and imported waste oils (column 3 – column 4 + column 5 = column 6 + column 7 + column 8 + column 9).

<sup>11</sup> Recycling other than regeneration, e.g. as flux oil.

<sup>12</sup> Including use of recovered oils as fuel, in accordance with the definition of recovery in Article 3(15) of Directive 2008/98/EC.

<sup>13</sup> Disposal operation D10 Incineration on land as laid down in Annex I of Directive 2008/98/EC.

<sup>14</sup> Waste oil excluding water content. The dry oil content is determined by measuring the water content. For waste oils other than emulsions, the dry content may alternatively be determined on the basis of a water content of 8 %. For dry oil in emulsions of industrial oils the dry content may alternatively be determined on the basis of a water content of 90 %.

**Tabela 2** - Comunicação de dados sobre o tratamento de óleos usados

1 Type of output from recovery	2 Regeneration <sup>1</sup>		3 Other recycling		4 Energy recovery or reprocessing into materials that are to be used as fuels (including regenerated oils used as fuel)		5 Disposal (D10)	
	(t)	Explanatory footnote	(t)	Explanatory footnote	(t)	Explanatory footnote	(t)	Explanatory footnote
Regenerated base oil – group I <sup>2, 3</sup>	13779,84	7			0			
Regenerated base oil – group II <sup>4</sup>	0				0			
Regenerated base oil – group III <sup>5</sup>	0				0			
Regenerated base oil – group IV <sup>6</sup>	0				0			
Recycled products <sup>7</sup> (specify)				6				
Fuel products for off-site energy recovery – Light fuel oil					0			
Fuel products for off-site energy recovery – Distillate fuel oil						6		
Fuel products for off-site energy recovery – Heavy fuel oil					0			
Fuel products for off-site energy recovery – Recovered fuel oil						6		
Fuel products for off-site energy recovery – Processed fuel oil					0			
On-site energy recovery <sup>8</sup>					0			
Other							408,2	
[specify 'other']								

White: Data provision is required.
Light blue: Reporting is voluntary.
Beige: Footnotes (only to be filled-in when relevant)
Black: Reporting is not applicable.
Grey: The calculation of data is automatic. The cell can be edited after unlocking the cell with the button "Unlock formulas".

#### Commission notes:

<sup>1</sup> Amount of regenerated oils. The sum of the entries in Column 2 of table 2 divided by the sum of the entries in column 6 of Table 1 corresponds to the conversion efficiency of oil regeneration.

<sup>2</sup> Base oil group I contains less than 90 % saturates and/or more than 0,03 % sulphur and has a viscosity index greater than or equal to 80 and less than 120.

<sup>3</sup> In case national reporting does not distinguish groups I-IV, aggregated data on regenerated base oils may be provided and shall be specified in row 'Other'.

<sup>4</sup> Base oil group II contains more than or equal to 90 % saturates and less than or equal to 0,03 % sulphur and has a viscosity index greater than or equal to 80 and less than 120.

<sup>5</sup> Base oil group III contains more than or equal to 90 % saturates and less than or equal to 0,03 % sulphur and has a viscosity index greater than or equal to 120.

<sup>6</sup> Base oil group IV are polyalphaolefins. Base oil not included in groups I-IV shall be specified in row 'Other'.

<sup>7</sup> Includes recycled products from other recycling of waste oils reported under column 7 of Table 1.

<sup>8</sup> On-site energy recovery means recovery of waste oils through internal energy consumption e.g. in a refinery.

*(em validação pela Comissão Europeia)*